AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass ~~having~~ formed from a composition substantially comprising 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, ~~and~~ 20 mol % or less of Na_2O, and 0.1-1.0 mol % of CaF_2, said sintered calcium phosphate being excellent in cell attachment, cell proliferation and alkaline phosphotase activity, wherein said composition forming the bioactive glass is free from P_2O_5, and said sintered calcium phosphate ~~contains~~ is formed from a calcium phosphate comprising a ~~hydroxyapapite~~ hydroxyapatite, a carbonated apatite or tricalcium phosphate.

2. (Canceled)

3. (Currently Amended) The sintered calcium phosphate according to claim 1, wherein said composition forming said bioactive glass further ~~comprising~~ comprises B_2O_3.

4. (Canceled)

5. (Previously Presented) The sintered calcium phosphate according to claim 1, wherein a difference between glass transition temperature and crystallization initiation temperature in said bioactive glass is 80°C or more.

6. (Canceled)

7. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass ~~having~~ formed from a composition substantially comprising 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, and at least one of Na_2O, CaF_2 and B_2O_3, Na_2O being 20 mol % or less, CaF_2 being 0.1-1 mol %, and B_2O_3 being 5 mol % or less, said sintered calcium phosphate being excellent in cell attachment, cell proliferation and alkaline phosphotase activity, wherein said sintered calcium phosphate ~~contains~~ is formed from a calcium phosphate comprising a ~~hydroxyapapite~~ hydroxyapatite, a carbonated apatite or tricalcium phosphate.

8. (Cancel)

9. (Currently Amended) The sintered calcium phosphate according to claim 7, wherein said composition forming said bioactive glass is free from P_2O_5.

10-11. (Canceled)

12. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass ~~having~~ formed from a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, and 0.1-5 mol % of Na_2O, said sintered calcium phosphate being excellent in cell attachment, cell proliferation and alkaline phosphotase activity, wherein said sintered calcium phosphate ~~contains~~ is formed from a calcium phosphate comprising a ~~hydroxyapapite~~ hydroxyapatite, a carbonated apatite or tricalcium phosphate.

13. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass ~~having~~ formed from a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, 0.1-5 mol % of Na_2O, and 0.1-1 mol % of CaF_2, wherein said sintered calcium phosphate ~~contains~~ is formed from a calcium phosphate comprising a ~~hydroxyapapite~~ hydroxyapatite, a carbonated apatite or tricalcium phosphate.

14. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass ~~having~~ formed from a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, 0.1-5 mol % of Na_2O, and B_2O_3, said B_2O_3 being present in an amount of 5 mol % or less, wherein said sintered calcium phosphate ~~contains~~ is formed from a calcium phosphate comprising a ~~hydroxyapapite~~ hydroxyapatite, a carbonated apatite or tricalcium phosphate.

15. (Previously Presented) The sintered calcium phosphate according to claim 12, wherein a difference between glass transition temperature and crystallization initiation temperature in said bioactive glass is 80°C or more.

16. (Canceled)

17. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass ~~having~~ formed from a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, and at least one of Na_2O, CaF_2 and B_2O_3, Na_2O being 0.1 to 5 mol %, CaF_2 being 0.1-1 mol %, and B_2O_3 being 5 mol % or less, wherein said sintered calcium phosphate ~~contains~~ is formed from a

calcium phosphate comprising a ~~hydroxyapapite~~ hydroxyapatite, a carbonated apatite or tricalcium phosphate.

18. (Currently Amended) The sintered calcium phosphate according to claim 12, wherein said composition forming said bioactive glass is substantially free from P_2O_5.

19. (Currently Amended) The sintered calcium phosphate according to claim 17, wherein said composition forming said bioactive glass is substantially free from P_2O_5.

20-21. (Canceled)

22. (Currently Amended) The sintered calcium phosphate according to claim 1, wherein the composition forming said bioactive glass ~~comprising~~ comprises CaO and SiO_2 in approximately equal molar ratios.

23. (Canceled)

24. (Previously Presented) The sintered calcium phosphate according to claim 1, wherein said bioactive glass generates a ß-wollastonite crystal at a crystallization temperature.

25. (Previously Presented) The sintered calcium phosphate according to claim 12, wherein said bioactive glass generates a ß-wollastonite crystal at a crystallization temperature.

26. (New) The sintered calcium phosphate according to claim 13, wherein a difference between glass transition temperature and crystallization initiation temperature in said bioactive glass is 80°C or more.

27. (New) The sintered calcium phosphate according to claim 13, wherein said composition forming said bioactive glass is free from P_2O_5.

28. (New) The sintered calcium phosphate according to claim 13, wherein said bioactive glass generates a ß-wollastonite crystal at a crystallization temperature.